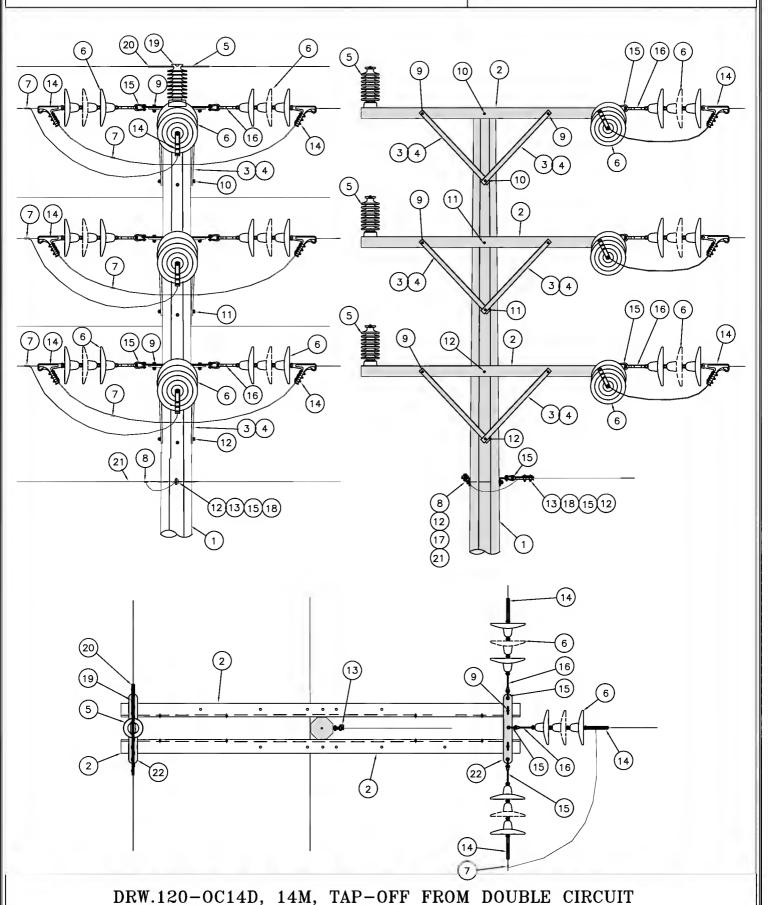


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INTERMEDIATE 0°-5° STRUCTURE TO SINGLE CIRCUIT BRANCH



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SERIAL				
NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	ICES
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07	6	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
13	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
14	9	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
15	10	Anchor Shackle	20-SDMS-02	Fig. 20
16	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
17	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
18	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
19	3	Preformed Line Post Insulator Top Tie for Merlin with Armour	20-SDMS-02	Fig. 35
20	3	Preformed Armoured Rods For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
21	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 38
22	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
23	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
24	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
25	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
26	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
27	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
28	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
				11
T V				
		170.5mm2 ACSR/AW, MERLIN		

DRW.120A-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT INTERMEDIATE 0°-5° STRUCTURE TO S.C. BRANCH, MERLIN MAIN TO MERLIN TAP-OFF



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GERT . T						
SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	CES		
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37		
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01		
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04		
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04		
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8		
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23		
07a	3	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39		
07b	3	Parallel Groove Compression Connector for Merlin — Quail	20-SDMS-02	Fig. 39		
08	1	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39		
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15		
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15		
11	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15		
12	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15		
13	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30		
14a	6	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29		
14b	3	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29		
15	10	Anchor Shackle	20-SDMS-02	Fig. 20		
16	9	Clevis Eye Extension	20-SDMS-02	Fig. 21		
17	1	Earthwire Support Plate	20-SDMS-02	Fig. 06		
18	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05		
19	3	Preformed Line Post Insulator Top Tie for Merlin with Armour	20-SDMS-02	Fig. 35		
20	3	Preformed Armoured Rods For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 38		
21	1	Preformed Armoured Rods For 67.44mm2 ACSR (Quail)	20-SDMS-02	Fig. 38		
22	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07		
23	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54		
24	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50		
25	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13		
26	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13		
27	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51		
28	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51		
<u> </u>						
1 7		MERLIN MAIN & QUAIL TAP-OFF				

DRW.120B-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT INTERMEDIATE 0°-5° STRUCTURE TO S.C. BRANCH MERLIN MAIN TO QUAIL TAP-OFF



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24-06-2003

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	CES
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07	6	Parallel Groove Compression Connector for Quail — Quail	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
13	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
14	9	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
15	10	Anchor Shackle	20-SDMS-02	Fig. 20
16	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
17	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
18	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
19	3	Preformed Line Post Insulator Top Tie for Quail with Armour	20-SDMS-02	Fig. 35
20	3	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail Main)	20-SDMS-02	Fig. 38
21	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail Earth Wire)	20-SDMS-02	Fig. 38
22	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
23	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
24	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
25	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
26	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
27	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
28	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51

DRW.120C-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT INTERMEDIATE 0°-5° STRUCTURE TO S.C. BRANCH QUAIL MAIN TO QUAIL TAP-OFF

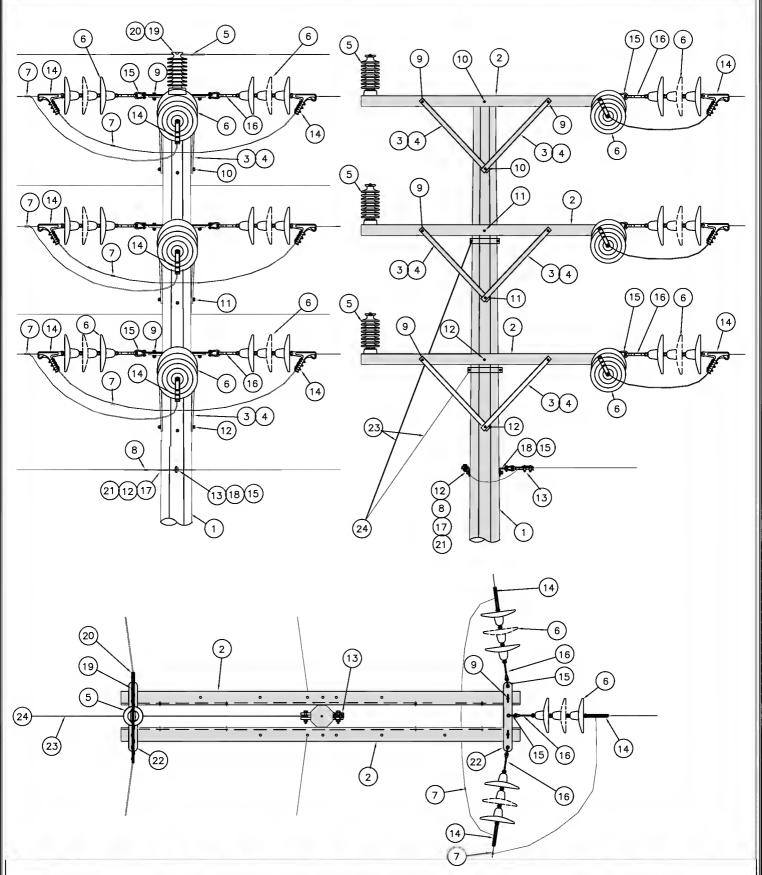
67.44mm2 ACSR/AW, QUAIL



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Dated: 24-06-2003



DRW.121-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT LIGHT ANGLE 6°-15° STRUCTURE WITH STAYS TO SINGLE CIRCUIT BRANCH



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	ICES
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07	6	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
13	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
14	9	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
15	10	Anchor Shackle	20-SDMS-02	Fig. 20
16	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
17	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
18	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
19	3	Preformed Line Post Insulator Side Tie for Merlin with Armour	20-SDMS-02	Fig. 35
20	3	Preformed Armoured Rods For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
21	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 38
22	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
23	27M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.V.—D.C. Two Stay Assembly	20-SDMS-02	Drw. 303
25	1 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
26	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
27	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
28	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
29	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
30	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		170.5mm2 ACSR/AW, MERLIN		
		110.5HHHE ACSK/AW, MERLIN		

DRW.121A-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT LIGHT ANGLE 6°-15° STRUCTURE W/STAYS TO S.C. BRANCH MERLIN MAIN & MERLIN TAP-OFF



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SERIAL	QTY		BILL OF MATERI	ALS DESCRIPTION	ON		REFERENCES	

SERIAL	QTY	DILL OF WATEDIALS DESCRIPTION	REFEREN	ICES
NO.		BILL OF MATERIALS DESCRIPTION		
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07a	3	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
07b	3	Parallel Groove Compression Connector for Merlin — Quail	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
13	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
14a	6	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
14b	3	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
15	10	Anchor Shackle	20-SDMS-02	Fig. 20
16	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
17	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
18	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
19	3	Preformed Line Post Insulator Side Tie for Merlin with Armour	20-SDMS-02	Fig. 35
20	3	Preformed Armoured Rods For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
21	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 38
22	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
23	27M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.VD.C. Two Stay Assembly	20-SDMS-02	Drw. 303
25	1 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
26	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
27	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
28	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
29	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
30	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		MERLIN MAIN & QUAIL TAP-OFF		

DRW.121B-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT LIGHT ANGLE 6°-15° STRUCTURE WITH STAYS TO S.C. BRANCH MERLIN MAIN TO QUAIL TAP-OFF



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SERIAL				
NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	CES
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07	6	Parallel Groove Compression Connector for Quail — Quail	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
13	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
14	9	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
15	10	Anchor Shackle	20-SDMS-02	Fig. 20
16	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
17	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
18	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
19	3	Preformed Line Post Insulator Side Tie for Quail with Armour	20-SDMS-02	Fig. 35
20	3	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail Main)	20-SDMS-02	Fig. 38
21	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail Earth Wire)	20-SDMS-02	Fig. 38
22	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
23	27M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.V.—D.C. Two Stay Assembly	20-SDMS-02	Drw. 303
25	1 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
26	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
27	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
28	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
29	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
30	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		67.44mm2 ACSR/AW, QUAIL		
		OI.TTHING ACELY AT, QUAIL		

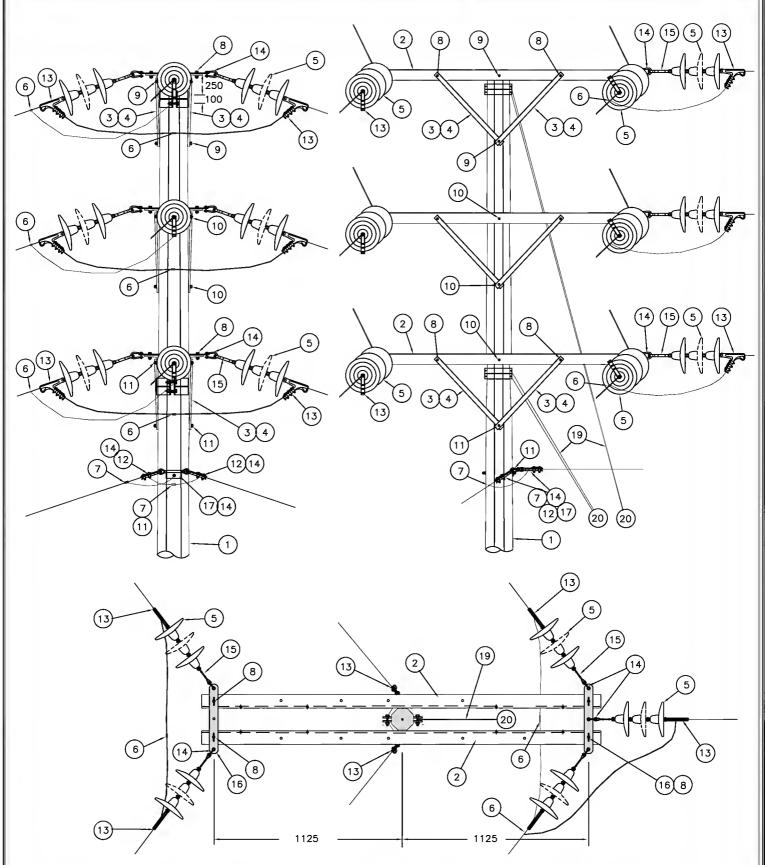
DRW.121C-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT LIGHT ANGLE 6°-15° STRUC. WITH STAYS TO S.C. BRANCH QUAIL MAIN TO QUAIL TAP-OFF



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DRW.122-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT MEDIUM & HEAVY ANGLE 16°-90° STRUCTURE WITH STAYS TO SINGLE CIRCUIT BRANCH



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SDCS-01

Dated: 24-06-2003

SERIAL	0577	DILL OF MAMERIALS DESCRIPTION	, , , , , , , , , , , , , , , , , , ,	JORG
NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	NCES
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23
06	9	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
07	2	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
08	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
09	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	15	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	18	Anchor Shackle	20-SDMS-02	Fig. 20
15	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
17	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
18	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
19	58M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
20	2 Set	M.VD.C. Two Stay Assembly	20-SDMS-02	Drw. 307
21	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
22	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
23	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
24	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
25	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		170.5mm2 ACSR/AW, MERLIN		

DRW.122A-OC14D, 14M, TAP-OFF FROM D.C. MEDIUM & HEAVY ANGLE 16°-90° STRUCTURE W/STAYS TO S.C. BRANCH MERLIN MAIN TO MERLIN TAP-OFF



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SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

24-06-2003

SERIAL				
NO.	TOTAL BILL THE MATERIALS THEST PROTEINS		REFEREN	NCES
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23
06a	6	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
06b	3	Parallel Groove Compression Connector for Merlin — Quail	20-SDMS-02	Fig. 39
07	2	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
80	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
09	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13a	12	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
13b	3	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
14	18	Anchor Shackle	20-SDMS-02	Fig. 20
15	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
17	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
18	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
19	58M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
20	2 Set	M.V.—D.C. Two Stay Assembly	20-SDMS-02	Drw. 307
21	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
22	22M	Anti—Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
23	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
24	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
25	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
V				
_				
		MERLIN MAIN & QUAIL TAP-OFF		

DRW.122B-OC14D,14M, TAP-OFF FROM D.C. MEDIUM & HEAVY ANGLE 16°-90° STRUCTURE WITH STAYS TO S.C. BRANCH MERLIN MAIN TO QUAIL TAP-OFF



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	NCES
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossorm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Broce - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Broce - L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23
06	9	Parallel Groove Compression Connector for Quail — Quail	20-SDMS-02	Fig. 39
07	2	Porollel Groove Compression Connector for Quoil	20-SDMS-02	Fig. 39
08	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
09	2	Machine Bolt, M20x225mm With Nut, 2 Flot Wosher & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Mochine Bolt, M20x310mm With Nut, 2 Flot Wosher & 1 Spring Wosher	20-SDMS-02	Fig. 15
12	3	Stroin Clomp, Stroight Line Deodend Type for Quoil	20-SDMS-02	Fig. 30
13	15	Stroin Clomp, 3 U—Bolts Type for Quoil	20-SDMS-02	Fig. 29
14	18	Anchor Shockle	20-SDMS-02	Fig. 20
15	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	6	Double Arming Plote, 100x12x700mm	20-SDMS-02	Fig. 07
17	1	Eorthwire Suspension Support	20-SDMS-02	Fig. 05
18	2 Set	Phosing Plotes (A,B,C)	20-SDMS-02	Fig. 53/54
19	58M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
20	2 Set	M.VD.C. Two Stoy Assembly	20-SDMS-02	Drw. 307
21	1 Set	Danger Sign Plote Complete With Its Accessories	20-SDMS-02	Fig. 49/50
22	22M	Anti-Climbing Device, Borbed Wire	20-SDMS-02	Fig. 13
23	2	Buckle Type, Locking Clip for Borbed Wire	20-SDMS-02	Fig. 13
24	1 Set	Pole Numbering Bose Plote	20-SDMS-02	Fig. 51
25	1 Set	Pole Numbering Plotes	20-SDMS-02	Fig. 51
		67.44mm2 ACSR/AW, QUAIL		

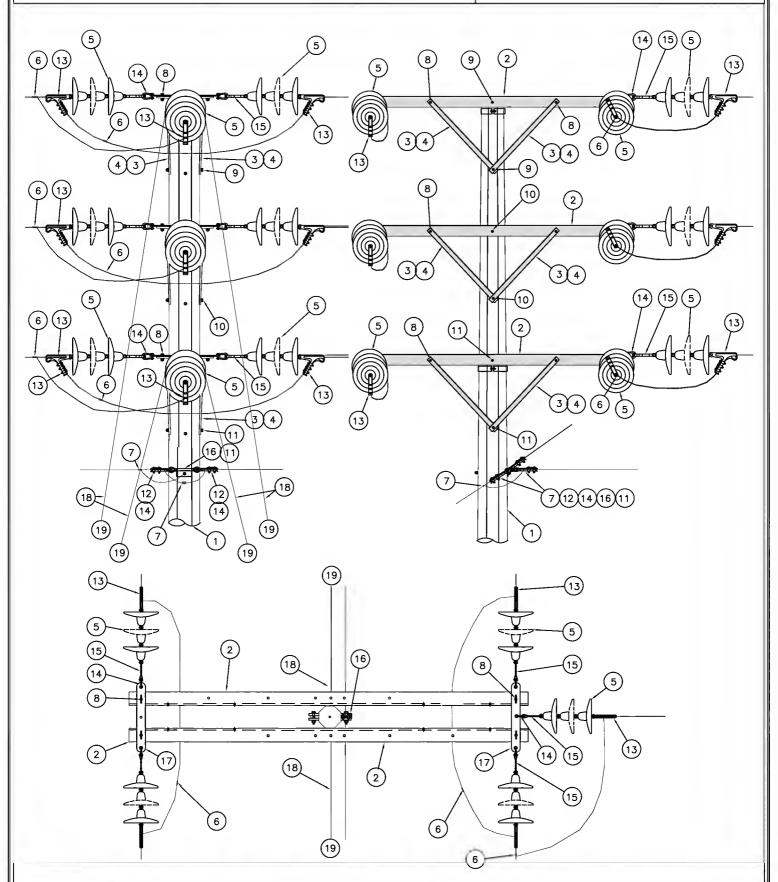
DRW.122C-OC14D, 14M, TAP-OFF FROM D.C. MEDIUM & HEAVY ANGLE 16°-90° STRUCTURE W/STAYS TO S.C. BRANCH QUAIL MAIN TO QUAIL TAP-OFF



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DRW.123-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT SECTION STRUCTURE WITH STAYS TO SINGLE CIRCUIT BRANCH



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	NCES
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit		Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23
06	9	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
07	2	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
08	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
09	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	15	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	18	Anchor Shackle	20-SDMS-02	Fig. 20
15	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
17	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
18	58M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
19	1 Set	M.V.—D.C. Section Stay Assembly	20-SDMS-02	Drw. 308
20	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
21	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
22	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
23	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
24	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
25	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		170.5mm2 ACSR/AW, MERLIN		

DRW.123A-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT SECTION STRUC. WITH STAYS TO S.C. BRANCH MERLIN MAIN TO MERLIN TAP-OFF

1 Set | Pole Numbering Plates

25



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01	1	OC14D - 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23
06a	6	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
06b	3	Parallel Groove Compression Connector for Merlin — Quail	20-SDMS-02	Fig. 39
07	2	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
08	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
09	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13a	12	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
13b	3	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
14	18	Anchor Shackle	20-SDMS-02	Fig. 20
15	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
17	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
18	58M	Stay Wire 7/4, 12mm2 Dia. HDG Steel, UTS 101kN (Min)		
19	1 Set	M.VD.C. Section Stay Assembly	20-SDMS-02	Drw. 308
20	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
21	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
22	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
23	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
24	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
	1		1	100

DRW.123B-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT SECTION STRUC. WITH STAYS TO S.C. BRANCH MERLIN MAIN TO QUAIL TAP-OFF

MERLIN MAIN & QUAIL TAP-OFF

20-SDMS-02 | Fig. 51



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NO.	QTY	BILL OF MATERIALS DESCRIPTION		NCES
01	1	OC14D — 14 Meter Steel Pale, HDG, Dauble Circuit	20-SDMS-01	Page 37
02	6	Crassarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspensian Insulatar	15-SDMS-01	Page 23
06	9	Parallel Graave Campressian Cannectar far Quail — Quail	20-SDMS-02	Fig. 39
07	2	Parallel Graave Campressian Cannectar far Quail	20-SDMS-02	Fig. 39
80	24	Machine Balt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
09	2	Machine Balt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Balt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x310mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	3	Strain Clamp, Straight Line Deadend Type far Quail	20-SDMS-02	Fig. 30
13	15	Strain Clamp, 3 U—Balts Type far Quail	20-SDMS-02	Fig. 29
14	18	Anchor Shackle	20-SDMS-02	Fig. 20
15	15	Clevis Eye Extensian	20-SDMS-02	Fig. 21
16	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
17	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
18	58M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
19	1 Set	M.V.—D.C. Sectian Stay Assembly	20-SDMS-02	Drw. 308
20	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/5
21	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/5
22	22M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
23	2	Buckle Type, Lacking Clip far Barbed Wire	20-SDMS-02	Fig. 13
24	1 Set	Pale Numbering Base Plate	20-SDMS-02	Fig. 51
25	1 Set	Pale Numbering Plates	20-SDMS-02	Fig. 51
		67.44mm2 ACSR/AW, QUAIL		

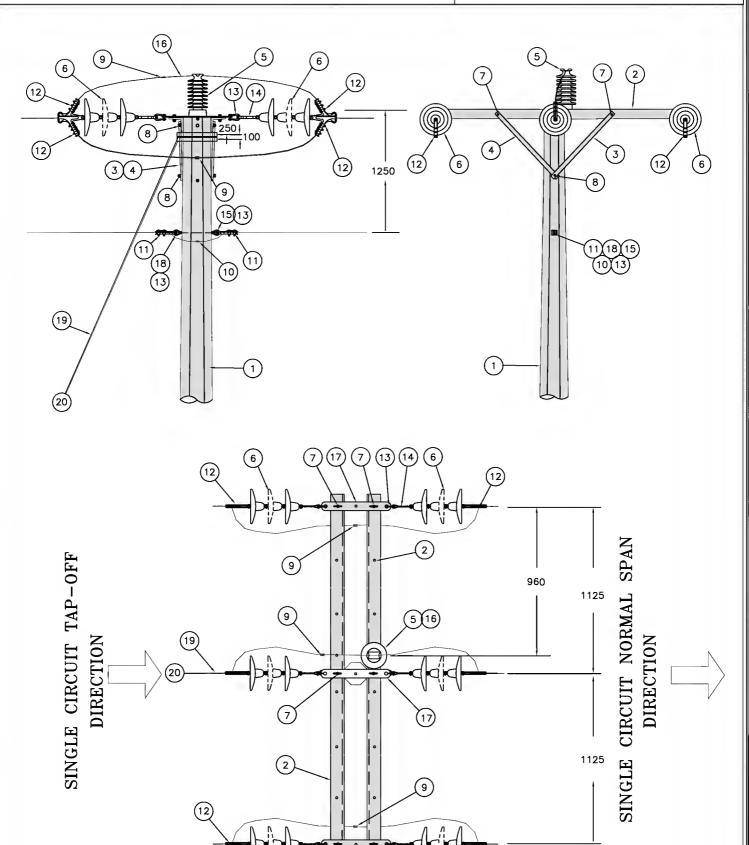
DRW.123C-OC14D, 14M, TAP-OFF FROM DOUBLE CIRCUIT SECTION STRUC. WITH STAYS TO S.C. BRANCH QUAIL MAIN TO QUAIL TAP-OFF



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DRW.124-OC14D, 14M, SLACK POLE STRUCTURE WITH STAYS FROM D.C. TAP-OFF MERLIN MAIN TO SINGLE CIRCUIT BRANCH



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	NCES					
01	1	OC14D — 14 Meter Steel Pale, HDG, Dauble Circuit	20-S0MS-01	Page 37					
02	2	Crassarm — L 100x100x12x2400mm L.G.	20-S0MS-02	Fig. 01					
03	2	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04					
04	2	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04					
05	1	Line Past Insulatar	15-S0MS-01	Clause 4.2.8					
06	6 Set	Suspension Insulator	15-S0MS-01	Page 23					
07	10	Machine Bolt, M20x60mm W/1 Nut, 2 Flat Washers & 1 Spring Washer	20-S0MS-02	Fig. 15					
08	2	Machine Balt, M20x225mm W/1 Nut, 2 Flat Washers & 1 Spring Washer	20-S0MS-02	Fig. 15					
09	3	Parallel Graave Camp. Cannectar far 170.5mm2 ACSR/AW (Merlin)	20-S0MS-02	Fig. 39					
10	1	Parallel Groove Comp. Connector for 67.44mm2 ACSR/AW (Quail)	20-S0MS-02	Fig. 39					
11	2	Strain Clamp, Straight Line Deadend Type far Quail	20-S0MS-02	Fig. 30					
12	6	Strain Clamp, 3 U—Bolts Type for Merlin	20-S0MS-02	Fig. 29					
13	8	Anchar Shackle	20-S0MS-02	Fig. 20					
14	6	Clevis Eye Extensian	20-SDMS-02	Fig. 21					
15	1	Shaulder Eye Balt, M20x260mm W/2 Nuts, 1 Flat & 1 Spring Washers	20-S0MS-02	Fig. 17					
16	1	Prefarmed Line Past Insulatar Tap Tie Far 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 35					
17	3	Dauble Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07					
18	1	Eye Nut Far M20	20-S0MS-02	Fig. 19					
19	32M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)							
20	1 Set	M.V.—S.C. Twa Stay Assembly	20-S0MS-02	0rw. 304					
21	1 Set	Danger Sign Plate Complete With Its Accessaries	20-S0MS-02	Fig. 49/50					
22	22M	Anti-Climbing Device, Barbed Wire	20-S0MS-02	Fig. 13					
23	2	Buckle Type, Lacking Clip far Barbed Wire	20-S0MS-02	Fig. 13					
24	1 Set	Pale Numbering Base Plate	20-S0MS-02	Fig. 51					
25	1 Set	Pale Numbering Plates	20-S0MS-02	Fig. 51					
		170.5mm2 ACSR/AW, MERLIN							
			·						

DRW.124A-OC14D, 14M, SLACK POLE STRUCTURE WITH STAYS FROM D.C. TAP-OFF, MERLIN MAIN TO SINGLE CIRCUIT BRANCH



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	NCES	
01	1	OC14D — 14 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 37	
02	2	Crossorm - L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01	
03	2	Broce – L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04	
04	2	Broce — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04	
05	1	Line Post Insulotor	15-SDMS-01	Clause 4.2.8	
06	6 Set	Suspension Insulator	15-SDMS-01	Page 23	
07	10	Machine Bolt, M20x60mm W/1 Nut, 2 Flot Washers & 1 Spring Washer	20-SDMS-02	Fig. 15	
08	2	Mochine Bolt, M20x225mm W/1 Nut, 2 Flot Woshers & 1 Spring Wosher	20-SDMS-02	Fig. 15	
09	3	Porollel Groove Comp. Connector for 67.44mm2 ACSR/AW (Quoil)	20-SDMS-02	Fig. 39	
10	1	Parallel Groove Comp. Connector for 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 39	
11	2	Stroin Clomp, Stroight Line Deodend Type for Quoil (Eorth Wire)	20-SDMS-02	Fig. 30	
12	6	Strain Clamp, 3 U—Bolts Type for Quail (Main)	20-SDMS-02	Fig. 29	
13	8	Anchor Shockle	20-SDMS-02	Fig. 20	
14	6	Clevis Eye Extension	20-SDMS-02	Fig. 21	
15	1	Shoulder Eye Bolt, M20x260mm W/2 Nuts, 1 Flot & 1 Spring Woshers	20-SDMS-02	Fig. 17	
16	1	Preformed Line Post Insulotor Top Tie For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 35	
17	3	Double Arming Plote, 100x12x700mm	20-SDMS-02	Fig. 07	
18	1	Eye Nut For M20	20-SDMS-02	Fig. 19	
19	32M	Stoy Wire 7/4, 12mm Dio. HDG Steel, UTS 101kN (Min)			
20	1 Set	M.V.—S.C. Two Stoy Assembly	20-SDMS-02	Drw. 304	
21	1 Set	Donger Sign Plote Complete With Its Accessories	20-SDMS-02	Fig. 49/50	
22	22M	Anti-Climbing Device, Borbed Wire	20-SDMS-02	Fig. 13	
23	2	Buckle Type, Locking Clip for Borbed Wire	20-SDMS-02	Fig. 13	
24	1 Set	Pole Numbering Bose Plote	20-SDMS-02	Fig. 51	
25	1 Set	Pole Numbering Plotes	20-SDMS-02	Fig. 51	
		67 44mm2 ACCD/AW OITAIT			
	L	67.44mm2 ACSR/AW, QUAIL			

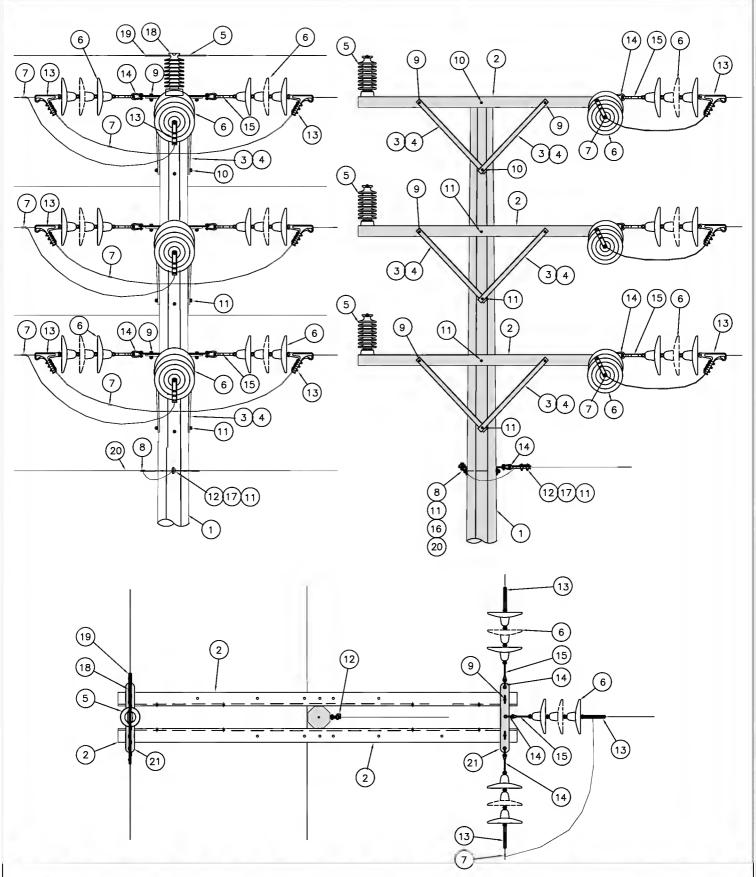
DRW.124B-OC14D, 14M, SLACK POLE STRUCTURE WITH STAYS FROM DOUBLE CIRCUIT TAP-OFF, QUAIL MAIN TO SINGLE CIRCUIT BRANCH



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DRW.125-OC15S/D, 15M, TAP-OFF FROM DOUBLE CIRCUIT INTERMEDIATE 0° STRUCTURE TO SINGLE CIRCUIT BRANCH



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	ICES
01	1	OC15S/D - 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07	6	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	5	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	9	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	10	Anchor Shackle	20-SDMS-02	Fig. 20
15	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	1	Earthwire Support Plate	20-SDMS-02	Fig. 6
17	1	Earthwire Suspension Support	20-SDMS-02	Fig. 5
18	3	Preformed Line Post Insulator Top Tie for Merlin with Armour	20-SDMS-02	Fig. 35
19	3	Preformed Armoured Rods For 170.5mm2 ACSR (Merlin)	20-SDMS-02	Fig. 38
20	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 38
21	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
22	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
23	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
24	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
25	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
26	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
27	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
1 7				
		170.5mm2 ACSR/AW, MERLIN		

DRW.125A-OC15S/D, 15M, TAP-OFF FROM DOUBLE CIRCUIT INTERMEDIATE 0° STRUC. TO SINGLE CIRCUIT BRANCH MERLIN MAIN TO MERLIN TAP-OFF



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Dated: 24-06-2003

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERENCES		
01	1	OC15S/D — 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38	
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01	
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04	
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04	
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8	
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23	
07a	3	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39	
07b	3	Parallel Groove Compression Connector for Merlin — Quail	20-SDMS-02	Fig. 39	
08	1	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39	
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15	
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15	
11	5	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15	
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30	
13a	6	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29	
13b	3	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29	
14	10	Anchor Shackle	20-SDMS-02	Fig. 20	
15	9	Clevis Eye Extension	20-SDMS-02	Fig. 21	
16	1	Earthwire Support Plate	20-SDMS-02	Fig. 06	
17	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05	
18	3	Preformed Line Post Insulator Top Tie for Merlin with Armour	20-SDMS-02	Fig. 35	
19	3	Preformed Armoured Rods For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 38	
20	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 38	
21	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 53/53	
22	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 49/50	
23	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02		
24	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13	
25	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13	
26	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51	
27	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51	
		MERLIN MAIN & QUAIL TAP-OFF			

DRW.125B-OC15S/D, 15M, TAP-OFF FROM DOUBLE CIRCUIT INTERMEDIATE 0° STRUC. TO SINGLE CIRCUIT BRANCH MERLIN MAIN TO QUAIL TAP-OFF



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01	1	OC15S/D - 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07	6	Parallel Groove Compression Connector for Quail — Quail	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	5	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	9	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
14	10	Anchor Shackle	20-SDMS-02	Fig. 20
15	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
17	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
18	3	Preformed Line Post Insulator Top Tie for Quail with Armour	20-SDMS-02	Fig. 35
19	3	Preformed Armoured Rods For 67.44mm2 ACSR (Quail Main)	20-SDMS-02	Fig. 38
20	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail Earth Wire)	20-SDMS-02	Fig. 38
21	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
22	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
23	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
24	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
25	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
26	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
27	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51

DRW.125C-OC15S/D, 15M, TAP-OFF FROM DOUBLE CIRCUIT INTERMEDIATE 0° STRUC. TO SINGLE CIRCUIT BRANCH QUAIL MAIN TO QUAIL TAP-OFF

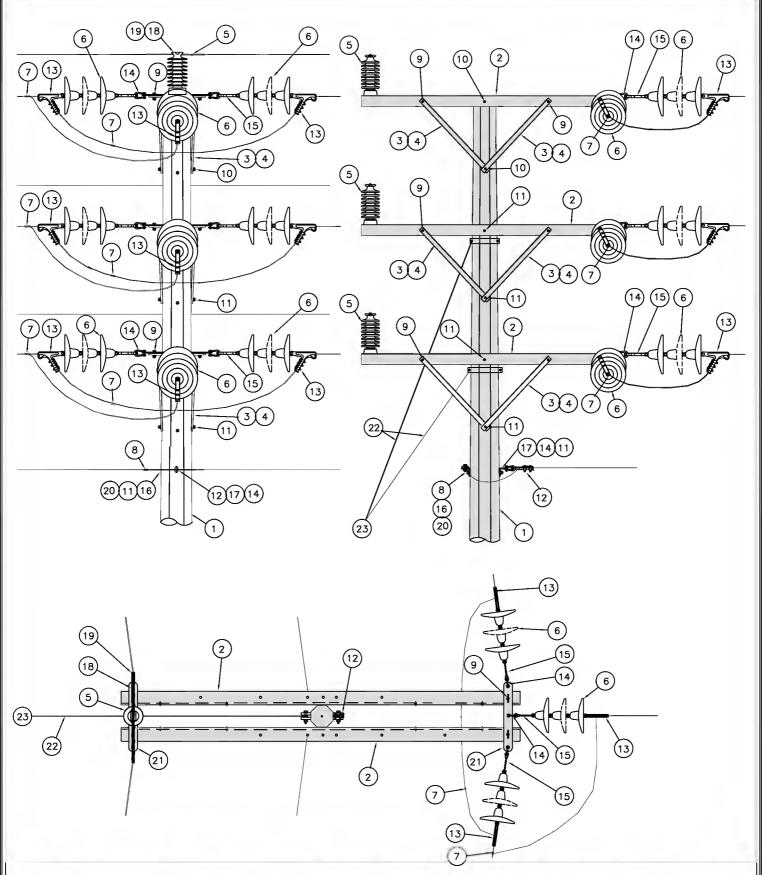
67.44mm2 ACSR/AW, QUAIL



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DRW.126-OC15S/D,15M,TAP-OFF FROM DOUBLE CIRCUIT LIGHT ANGLE 1°-15° STRUCTURE WITH STAYS TO SINGLE CIRCUIT BRANCH



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	ICES
01	1	OC15S/D - 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07	6	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	5	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	9	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	10	Anchor Shackle	20-SDMS-02	Fig. 20
15	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
17	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
18	3	Preformed Line Post Insulator Side Tie for Merlin with Armour	20-SDMS-02	Fig. 35
19	3	Preformed Armoured Rods For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
20	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 38
21	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
22	30М	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
23	1 Set	M.VD.C. Two Stay Assembly	20-SDMS-02	Drw. 303
24	1 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/5
25	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/5
26	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
27	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
28	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
29	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
-				
1		170.5mm2 ACSR/AW, MERLIN		

DRW.126A-OC15S/D,15M,TAP-OFF FROM DOUBLE CIRCUIT LIGHT ANGLE 1°-15° STRUC. W/STAYS TO S.C. BRANCH MERLIN MAIN & MERLIN TAP-OFF



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	ICES
01	1	OC15S/D - 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07a	3	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
07b	3	Parallel Groove Compression Connector for Merlin — Quail	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	5	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13a	6	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
13b	3	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
14	10	Anchor Shackle	20-SDMS-02	Fig. 20
15	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
17	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
18	3	Preformed Line Post Insulator Side Tie for Merlin with Armour	20-SDMS-02	Fig. 35
19	3	Preformed Armoured Rods For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
20	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 38
21	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
22	30M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
23	1 Set	M.VD.C. Two Stay Assembly	20-SDMS-02	Drw. 303
24	1 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54

DRW.126B-OC15S/D,15M,TAP-OFF FROM DOUBLE CIRCUIT LIGHT ANGLE 1°-15° STRUC. WITH STAYS TO S.C. BRANCH MERLIN MAIN TO QUAIL TAP-OFF

MERLIN MAIN & QUAIL TAP-OFF

Danger Sign Plate Complete With Its Accessories

Buckle Type, Locking Clip for Barbed Wire

Anti-Climbing Device, Barbed Wire

Pole Numbering Base Plate

Pole Numbering Plates

25

26 27

28

29

1 Set

18M

1 Set

1 Set

Fig. 49/50

Fig. 13

Fig. 13

Fig. 51

Fig. 51

20-SDMS-02

20-SDMS-02

20-SDMS-02

20-SDMS-02

20-SDMS-02



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFEREN	ICES
01	1	OC15S/D — 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	3	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	9 Set	Suspension Insulator	15-SDMS-01	Page 23
07	6	Parallel Groove Compression Connector for Quail — Quail	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	5 Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer		20-SDMS-02	Fig. 15
12	2 1 Strain Clamp, Straight Line Deadend Type for Quail		20-SDMS-02	Fig. 30
13	9	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
14	10	Anchor Shackle	20-SDMS-02	Fig. 20
15	9	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
17	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
18	3	Preformed Line Post Insulator Side Tie for Quail with Armour	20-SDMS-02	Fig. 35
19	3	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail Main)	20-SDMS-02	Fig. 38
20	1	Preformed Armoured Rods For 67.44mm2 ACSR/AW (Quail Earth Wire)	20-SDMS-02	Fig. 38
21	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
22	30M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
23	1 Set	M.VD.C. Two Stay Assembly	20-SDMS-02	Drw. 303
24	1 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
25	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
26	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
27	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
28	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
29	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		<u> </u>		
		67.44mm2 ACSR/AW, QUAIL		

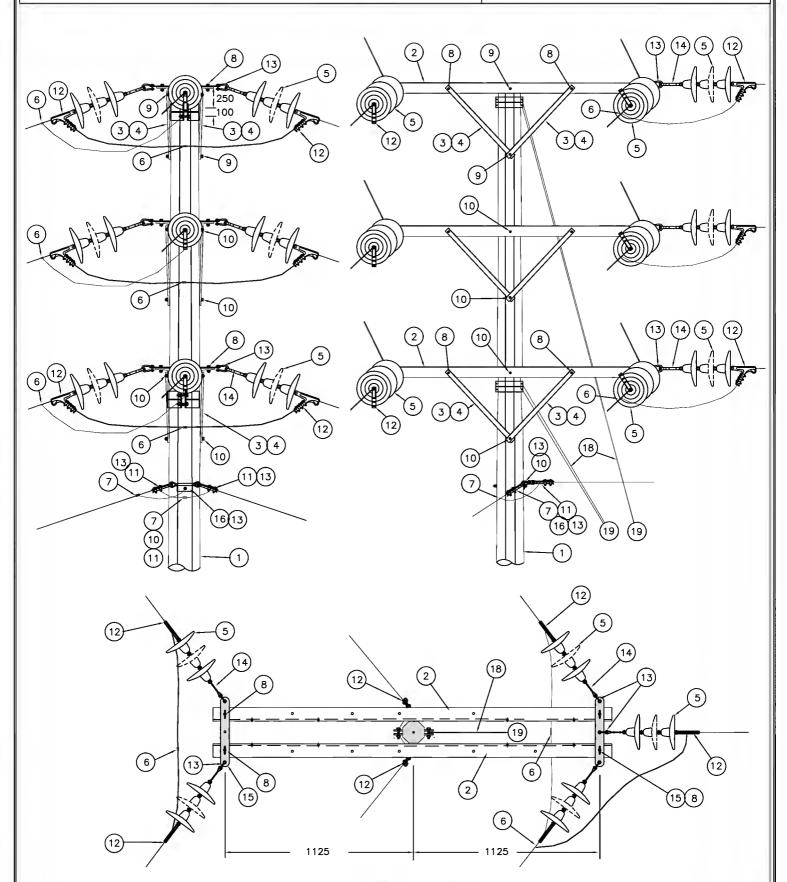
DRW.126C-OC15S/D,15M,TAP-OFF FROM DOUBLE CIRCUIT LIGHT ANGLE 1°-15° STRUC. WITH STAYS TO S.C. BRANCH QUAIL MAIN TO QUAIL TAP-OFF



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DRW.127-OC15S/D,15M,TAP-OFF FROM D.C. MEDIUM & HEAVY ANGLE 16°-90° STRUCTURE WITH STAYS TO SINGLE CIRCUIT BRANCH ALL DIMENSIONS ARE IN MILLIMETER



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	REFERENCES		
01	1	OC15S/D — 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38		
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01		
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04		
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04		
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23		
06	9 Parallel Groove Compression Connector for Merlin — Merlin 2 Parallel Groove Compression Connector for Quail		20-SDMS-02	Fig. 39		
07			20-SDMS-02	Fig. 39		
08	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15		
09	2 Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer 5 Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer 3 Strain Clamp, Straight Line Deadend Type for Quail		20-SDMS-02	Fig. 15		
10			20-SDMS-02	Fig. 15		
11			20-SDMS-02	Fig. 30		
12	15	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29		
13	18	Anchor Shackle	20-SDMS-02	Fig. 20		
14	15	Clevis Eye Extension	20-SDMS-02	Fig. 21		
15	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07		
16	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05		
17	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54		
18	63M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)	_	-		
19	2 Set	M.VD.C. Two Stay Assembly	20-SDMS-02	Drw. 307		
20	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50		
21	18M	Anti—Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13		
22	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13		
23	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51		
24	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51		
<u> </u>						
		170.5mm2 ACSR/AW, MERLIN				

DRW.127A-OC15S/D,15M,TAP-OFF FROM D.C.MEDIUM & HEAVY ANGLE 16°-90° STRUC. W/STAYS TO S.C. BRANCH MERLIN MAIN TO MERLIN TAP-OFF



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	ICES
01	1	OC15S/D — 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6			Fig. 04
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23
06a	6	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
06b	3 Parallel Groove Compression Connector for Merlin — Quail		20-SDMS-02	Fig. 39
07	2			Fig. 39
08	24 Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer		20-SDMS-02	Fig. 15
09	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	5	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
12a	12	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
12b	3	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
13	18	Anchor Shackle	20-SDMS-02	Fig. 20
14	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
15	6 Double Arming Plate, 100x12x700mm		20-SDMS-02	Fig. 07
16	1	Earthwire Suspension Support	20-SDMS-02	Fig. 50
17	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
18	63M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
19	2 Set	M.V.—D.C. Two Stay Assembly	20-SDMS-02	Drw. 307
20	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
21	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
22	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
23	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
24	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		MERLIN MAIN & QUAIL TAP-OFF		

DRW.127B-OC15S/D,15M,TAP-OFF FROM D.C. MEDIUM&HEAVY ANGLE 16°-90° STRUC.WITH STAYS TO S.C. BRANCH MERLIN MAIN TO QUAIL TAP-OFF



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SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	NCES
01	1	OC15S/D - 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossorm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Broce - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Broce — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23
06	9	Parallel Groove Compression Connector for Quail — Quail	20-SDMS-02	Fig. 39
07	2	Porollel Groove Compression Connector for Quoil	20-SDMS-02	Fig. 39
08	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
09	2	Machine Bolt, M20x225mm With Nut, 2 Flat Wosher & 1 Spring Washer	20-SDMS-02	Fig. 15
10	5	Mochine Bolt, M20x265mm With Nut, 2 Flot Wosher & 1 Spring Wosher	20-SDMS-02	Fig. 15
11	3	Stroin Clomp, Stroight Line Deodend Type for Quoil	20-SDMS-02	Fig. 30
12	15	Stroin Clomp, 3 U—Bolts Type for Quoil	20-SDMS-02	Fig. 29
13	18	Anchor Shockle	20-SDMS-02	Fig. 20
14	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
15	6	Double Arming Plote, 100x12x700mm	20-SDMS-02	Fig. 07
16	1	Eorthwire Suspension Support	20-SDMS-02	Fig. 05
17	2 Set	Phosing Plotes (A,B,C)	20-SDMS-02	Fig. 53/54
18	63M	Stoy Wire 7/4, 12mm Dio. HDG Steel, UTS 101kN (Min)		
19	2 Set	M.VD.C. Two Stay Assembly	20-SDMS-02	Drw. 307
20	1 Set	Donger Sign Plote Complete With Its Accessories	20-SDMS-02	Fig. 49/50
21	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
22	2	Buckle Type, Locking Clip for Borbed Wire	20-SDMS-02	Fig. 13
23	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
24	1 Set	Pole Numbering Plotes	20-SDMS-02	Fig. 51
		67.44mm2 ACSR/AW, QUAIL		

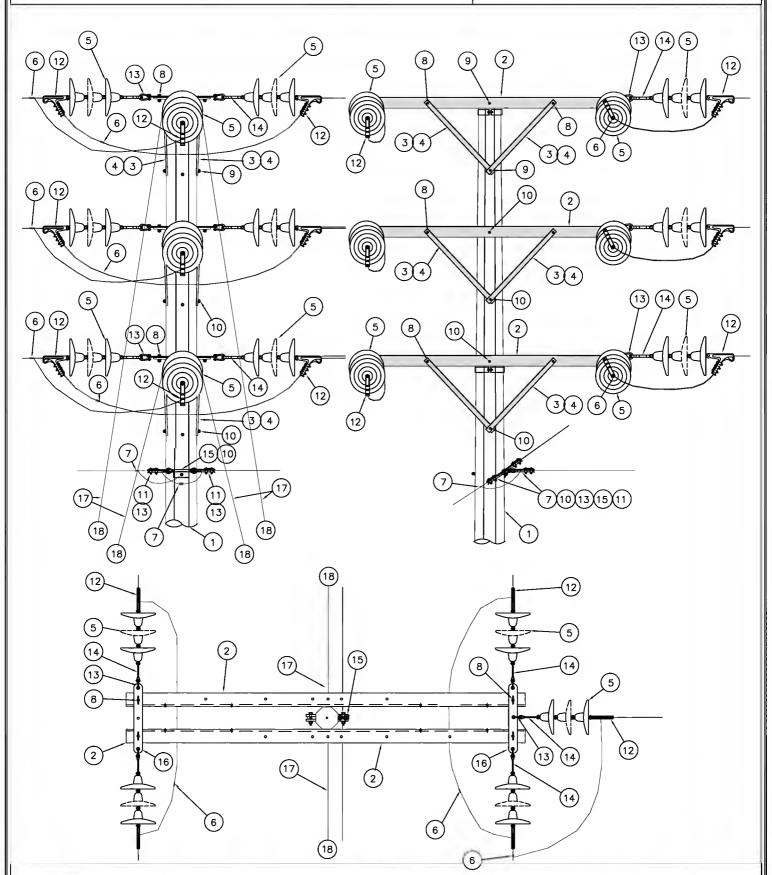
DRW.127C-OC15S/D,15M,TAP-OFF FROM D.C. MEDIUM&HEAVY ANGLE 16°-90° STRUC. W/STAYS TO S.C. BRANCH QUAIL MAIN TO QUAIL TAP-OFF



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SDCS-01
Dated: 24-06-2003



DRW.128-OC15S/D,15M,TAP-OFF FROM DOUBLE CIRCUIT SECTION STRUCTURE TO SINGLE CIRCUIT BRANCH



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SERIAL	OTY		ו וום	OF MATERIA	AIC DESCRIPTION	N.		PEFFPENCES	

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERE	NCES
01	1	OC15S/D - 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossarm - L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Brace - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23
06	9	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39
07	2	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39
08	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
09	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	5	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
12	15	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29
13	18	Anchor Shackle	20-SDMS-02	Fig. 20
14	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
15	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
16	6	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
17	63M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
18	1 Set	M.VD.C. Section Stay Assembly	20-SDMS-02	Drw. 308
19	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
20	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
21	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
22	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
23	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
24	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
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				V
	-			
		170.5mm2 ACSR/AW, MERLIN		

DRW.128A-OC15S/D, 15M, TAP-OFF FROM DOUBLE CIRCUIT SECTION STRUC. W/STAYS TO SINGLE CIRCUIT BRANCH MERLIN MAIN TO MERLIN TAP-OFF



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01	1	OC15S/D - 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38		
02	6	Crossarm — L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01		
03	6	Brace — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04		
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04		
05	15 Set	Suspension Insulator	15-SDMS-01	Page 23		
06a	6	Parallel Groove Compression Connector for Merlin — Merlin	20-SDMS-02	Fig. 39		
06b	3	Parallel Groove Compression Connector for Merlin — Quail	20-SDMS-02	Fig. 39		
07	2	Parallel Groove Compression Connector for Quail	20-SDMS-02	Fig. 39		
80	24	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15		
09	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15		
10	5	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15		
11	3	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30		
12a	12	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29		
12b	3	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29		
13	18	Anchor Shackle	20-SDMS-02	Fig. 20		
14	15	Clevis Eye Extension	20-SDMS-02			
15	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05		
16	6	Double Arming Plate, 100x12x700mm	20-SDMS-02			
17	63M	Stay Wire 7/4, 12mm2 Dia. HDG Steel, UTS 101kN (Min)				
18	1 Set	M.V.—D.C. Section Stay Assembly	20-SDMS-02	Drw. 308		
19	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54		
20	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50		
21	18M	Anti—Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13		
22	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13		
23	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51		
24	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51		
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DRW.128B-OC15S/D, 15M, TAP-OFF FROM DOUBLE CIRCUIT SECTION STRUC. W/STAYS TO SINGLE CIRCUIT BRANCH MERLIN MAIN TO QUAIL TAP-OFF

MERLIN MAIN & QUAIL TAP-OFF



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24-06-2003

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01	1	OC15S/D - 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38
02	6	Crossorm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	6	Broce — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	6	Brace — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	15 Set	Suspension Insulotor	15-SDMS-01	Page 23
06	9	Porollel Groove Compression Connector for Quoil — Quoil	20-SDMS-02	Fig. 39
07	2 Porollel Groove Compression Connector for Quoil		20-SDMS-02	Fig. 39
08	24	Mochine Bolt, M20x60mm With Nut, 2 Flot Wosher & 1 Spring Wosher	20-SDMS-02	Fig. 15
09	2	Mochine Bolt, M20x225mm With Nut, 2 Flot Wosher & 1 Spring Wosher	20-SDMS-02	Fig. 15
10	5	Mochine Bolt, M20x265mm With Nut, 2 Flot Wosher & 1 Spring Wosher	20-SDMS-02	Fig. 15
11	3	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
12	15	Stroin Clomp, 3 U—Bolts Type for Quoil	20-SDMS-02	Fig. 29
13	18	Anchor Shockle	20-SDMS-02	Fig. 20
14	15	Clevis Eye Extension	20-SDMS-02	Fig. 21
15	1	Eorthwire Suspension Support	20-SDMS-02	Fig. 05
16	6	Double Arming Plote, 100x12x700mm	20-SDMS-02	Fig. 07
17	63M	Stoy Wire 7/4, 12mm Dio. HDG Steel, UTS 101kN (Min)		
18	1 Set	M.V.—D.C. Section Stay Assembly	20-SDMS-02	Drw. 308
19	2 Set	Phosing Plotes (A,B,C)	20-SDMS-02	Fig. 53/5
20	1 Set	Donger Sign Plote Complete With Its Accessories	20-SDMS-02	Fig. 49/5
21	18M	Anti-Climbing Device, Borbed Wire	20-SDMS-02	Fig. 13
22	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
23	1 Set	Pole Numbering Bose Plote	20-SDMS-02	Fig. 51
24	1 Set	Pole Numbering Plotes	20-SDMS-02	Fig. 51
		67.44mm2 ACSR/AW, QUAIL		

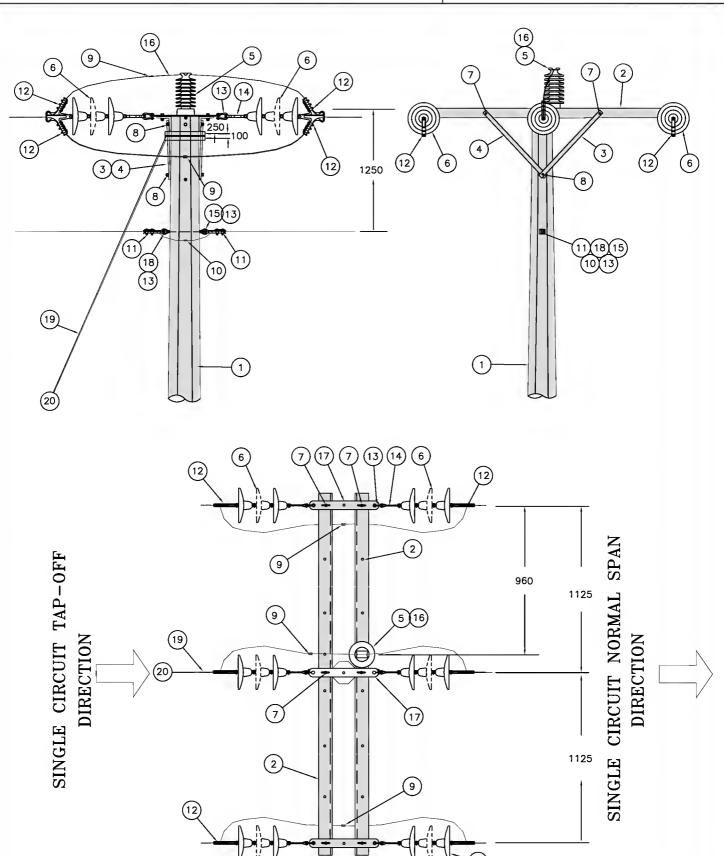
DRW.128C-OC15S/D, 15M, TAP-OFF FROM DOUBLE CIRCUIT SECTION STRUC. W/STAYS TO SINGLE CIRCUIT BRANCH QUAIL MAIN TO QUAIL TAP-OFF



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DRW.129-OC15S/D, 15M, SLACK POLE STRUCTURE WITH STAYS FROM DOUBLE CIRCUIT TAP-OFF TO SINGLE CIRCUIT BRANCH



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Dated: 24-06-2003

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01	1	OC15S/D — 15 Meter Steel Pole, HDG, Double Circuit	20-SDMS-01	Page 38			
02	2	Crossorm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01			
03	2	Broce — L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04			
04	2 Broce — L 50x50x4x828mm L.G. With One End Clipped		20-SDMS-02	Fig. 04			
05	1 Line Post Insulotor		15-SDMS-01	Clause 4.2.8			
06	6 Set	Suspension Insulator	15-SDMS-01	Page 23			
07	10 Machine Bolt, M20x60mm W/1 Nut, 2 Flot Washers & 1 Spring Wosher		20-SDMS-02	Fig. 15			
80	2	Mochine Bolt, M20x225mm W/1 Nut, 2 Flot Woshers & 1 Spring Wosher	20-SDMS-02	Fig. 15			
09	3	Porollel Groove Comp. Connector for 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 39			
10	1	Parallel Groove Comp. Connector for 67.44mm2 ACSR/AW (Quail)	20-SDMS-02	Fig. 39			
11	2	Stroin Clomp, Stroight Line Deodend Type for Quoil	20-SDMS-02	Fig. 30			
12	6	Strain Clamp, 3 U—Bolts Type for Merlin	20-SDMS-02	Fig. 29			
13	8	Anchor Shockle	20-SDMS-02	Fig. 20			
14	6	Clevis Eye Extension	20-SDMS-02	Fig. 21			
15	1	Shoulder Eye Bolt, M20x260mm W/2 Nuts, 1 Flot & 1 Spring Woshers	20-SDMS-02	Fig. 17			
16	1	Preformed Line Post Insulotor Top Tie For 170.5mm2 ACSR/AW (Merlin)	20-SDMS-02	Fig. 35			
17	3	Double Arming Plote, 100x12x700mm	20-SDMS-02	Fig. 07			
18	1	Eye Nut For M20	20-SDMS-02	Fig. 19			
19	35M	Stoy Wire 7/4, 12mm Dio. HDG Steel, UTS 101kN (Min)					
20	1 Set	M.VS.C. Two Stoy Assembly	20-SDMS-02	Drw. 304			
21	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50			
22	18M	Anti-Climbing Device, Borbed Wire	20-SDMS-02	Fig. 13			
23	2	Buckle Type, Locking Clip for Borbed Wire	20-SDMS-02	Fig. 13			
24	1 Set	Pole Numbering Bose Plote	20-SDMS-02	Fig. 51			
25	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51			
,							
-		170.5mm2 ACSR/AW, MERLIN					
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DRW.129A-OC15S/D, 15M, SLACK POLE STRUCTURE WITH STAYS FROM DOUBLE CIRCUIT TAP-OFF, MERLIN MAIN TO SINGLE CIRCUIT BRANCH



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03	2	Broce - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	2	Broce — L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	1	Line Post Insulotor	15-SDMS-01	Clause 4.2.8
06	6 Set	Suspension Insulator	15-SDMS-01	Page 23
07	10	Machine Bolt, M20x60mm W/1 Nut, 2 Flat Woshers & 1 Spring Wosher	20-SDMS-02	Fig. 15
08	2	Mochine Bolt, M20x225mm W/1 Nut, 2 Flot Woshers & 1 Spring Wosher	20-SDMS-02	Fig. 15
09	3	Porollel Groove Comp. Connector for 67.44mm2 ACSR/AW (Quoil Moin)	20-SDMS-02	Fig. 39
10	1	Parallel Groove Comp. Connector for 67.44mm2 ACSR/AW (Quail E.W.)	20-SDMS-02	Fig. 39
11	2	Stroin Clomp, Stroight Line Deodend Type for Quoil	20-SDMS-02	Fig. 30
12	6	Strain Clamp, 3 U—Bolts Type for Quail	20-SDMS-02	Fig. 29
13	8	Anchor Shockle	20-SDMS-02	Fig. 20
14	6	Clevis Eye Extension	20-SDMS-02	Fig. 21
15	1	Shoulder Eye Bolt, M20x260mm W/2 Nuts, 1 Flot & 1 Spring Woshers	20-SDMS-02	Fig. 17
16	1	Preformed Line Post Insulotor Top Tie For 67.44mm2 ACSR/AW (Quoil)	20-SDMS-02	Fig. 35
17	3	Double Arming Plote, 100x12x700mm	20-SDMS-02	Fig. 07
18	1	Eye Nut For M20	20-SDMS-02	Fig. 19
19	35M	Stoy Wire 7/4, 12mm Dio. HDG Steel, UTS 101kN (Min)		
20	1 Set	M.V.—S.C. Two Stoy Assembly	20-SDMS-02	Drw. 304
21	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
22	18M	Anti-Climbing Device, Borbed Wire	20-SDMS-02	Fig. 13
23	2	Buckle Type, Locking Clip for Borbed Wire	20-SDMS-02	Fig. 13
24	1 Set	Pole Numbering Bose Plote	20-SDMS-02	Fig. 51
25	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		00 44 0 1 CCT (177 CYY)	_	
		67.44mm2 ACSR/AW, QUAIL		

DRW.129B-OC15S/D, 15M, SLACK POLE STRUCTURE WITH STAYS FROM DOUBLE CIRCUIT TAP-OFF QUAIL MAIN TO SINGLE CIRCUIT BRANCH